

March-2007

[KQ 106]

Sub. Code : 2004

II. Short notes :

(6 × 5 = 30)

M.D. DEGREE EXAMINATION.

Branch I — General Medicine

(For Candidates admitted from 2004–05 onwards)

Paper IV — MEDICINE INCLUDING CHILDREN'S
DISEASES AND RECENT ADVANCES

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

(1) Discuss the recent advances in the
management of Acute Coronary syndrome. (20)

(2) Discuss the evolving trends in the
management of COPD. (15)

(3) Classify Lipidosis. Discuss the
Aetiopathogenesis, clinical features and management of
Nieman pick disease. (15)

(a) Reye's syndrome

(b) Vertigo

(c) β Thalassemia

(d) Metabolic alkalosis

(e) Septic shock

(f) Histoplasmosis.

September-2007

[KR 106]

Sub. Code : 2004

M.D. DEGREE EXAMINATION.

Branch I — General Medicine

MEDICINE INCLUDING CHILDREN'S DISEASES
AND RECENT ADVANCES

Part II — Paper III — (Old/New/Revised Regulations)

(Candidates admitted from 2004-05 onwards)

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

(1) Discuss the pathophysiology, Haematological clinical manifestations and management of Myelodysplastic syndrome. (20)

(2) Discuss the pathogenesis clinical features diagnosis and treatment of Nosocomial pneumonia. (15)

(3) Discuss the etiology pathogenesis clinical features diagnostic evaluation and treatment of Hypofunction of Adrenal cortex. (15)

II. Write short notes on : (6 × 5 = 30)

(a) Attention deficit/hyperactivity disorder (ADHD)

(b) Leukotrine modifiers

(c) Interstitial Nephritis

(d) Management of Thyroid dysfunction in pregnancy.

(e) Renal tubular acidosis.

(f) Cutaneous markers of Diabetes Mellitus.

MARCH 2008

[KS 106]

Sub. Code : 2004

M.D. DEGREE EXAMINATION.

Branch I — General Medicine

MEDICINE INCLUDING CHILDREN'S DISEASES AND RECENT
ADVANCES

Part II — Paper III — (Old/New/Revised Regulations)

(Candidates admitted from 2004—05 onwards)

Q.P. Code: 202004

Time : Three hours

Maximum : 100 marks

Draw suitable diagrams wherever necessary.

Answer ALL questions.

- I. Essay : (2 × 20=40)
1. Describe clinical features, diagnosis and management of barbiturate poisoning.
 2. Discuss aetiology, pathophysiology, clinical features, complications and management of pericardial effusion.
- II. Write Short notes on : (10 × 6 = 60)
1. Radiation injury.
 2. Bone marrow transplantation.
 3. Lead poisoning.
 4. Breast feeding.
 5. Down's syndrome.
 6. Kwashiorkor.
 7. Dwarfism.
 8. Wilson's Disease.
 9. Brucellosis.
 10. Pyrexia of unknown origin.
-

September 2008

[KT 106]

Sub. Code: 2004

M.D. DEGREE EXAMINATION

BRANCH I –GENERAL MEDICINE

**Paper IV - MEDICINE INCLUDING CHILDREN'S
DISEASES & RECENT ADVANCES**

(Candidates admitted from 2004-05 onwards)

Q.P. Code : 202004

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 X 20 = 40)

1. Stem cell transplant in clinical practice.
2. Discuss the etiology, pathogenesis, course of the disease, laboratory data, diagnosis, treatment, and complications of acute pancreatitis.

II. Write short notes on :

(10 X 6 = 60)

1. Ventricular assist device.
 2. SPECT.
 3. Neoplastic Meningitis.
 4. Swan-Ganz catheter.
 5. Reentrant arrhythmias.
 6. Tissue Engineering.
 7. Familial Mediterranean Fever.
 8. Secondary Vasculitis Syndromes.
 9. Enteropathic Arthritis.
 10. Lysosomal Storage Diseases.
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March 2009

[KU 106]

Sub. Code: 2004

**M.D. DEGREE EXAMINATIONS
BRANCH I – GENERAL MEDICINE
(For candidates admitted from 2004-2005 to 2007-2008)
Paper IV - MEDICINE INCLUDING CHILDREN'S
DISEASES & RECENT ADVANCES**

Q.P. Code : 202004

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 x 20 = 40)

1. Describe the clinical features, diagnosis and management of organophosphorus poisoning.
2. Discuss the aetiology, pathophysiology, clinical features and management of pleural effusion.

II. Write short notes on :

(10 x 6 = 60)

1. Cretinism.
2. Arsenic poisoning.
3. Renal transplantation.
4. Near- Drowning.
5. Febrile seizures.
6. Hyaline membrane disease.
7. Haemochromatosis.
8. Typhus fevers.
9. Indian childhood cirrhosis.
10. Klinefelter's syndrome.

September 2009

[KV 106]

Sub. Code: 2004

**M.D. DEGREE EXAMINATIONS
BRANCH I – GENERAL MEDICINE
(For candidates admitted from 2004-2005 to 2007-2008)
Paper IV - MEDICINE INCLUDING CHILDREN'S
DISEASES & RECENT ADVANCES**

Q.P. Code : 202004

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 x 20 = 40)

1. Discuss pathology, clinical manifestations, diagnosis and management of amyloidosis.
2. Discuss pathophysiology, aetiology, clinical features, diagnosis and management of aortic stenosis.

II. Write short notes on :

(10 x 6 = 60)

1. Temporal lobe epilepsy
2. Renal transplantation.
3. Primary complex
4. Universal Immunization
5. Arsenic poisoning.
6. Steven – Johnson syndrome
7. Marasmus
8. Magnesium deficiency
9. Diphtheria
10. Food poisoning

March 2010

[KW 106]

Sub. Code: 2004

M.D. DEGREE EXAMINATION

Branch I – GENERAL MEDICINE

**MEDICINE INCLUDING CHILDREN'S DISEASES &
RECENT ADVANCES**

**Paper IV – (for candidates admitted from 2004-2005 to 2007-2008)
and**

Part II – Paper III (for candidates admitted from 2008-2009 onwards)

Q.P. Code : 202004

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 x 20 = 40)

1. Discuss the clinical features, diagnosis and management of organophosphorous compound poisoning.
2. Discuss about Acid-base disorders.

II. Write short notes on :

(10 x 6 = 60)

1. Drug eluting stents.
2. Dual energy x-ray scan.
3. Ankylosing spondylitis.
4. Bonemarrow failure.
5. Diagnostic criteria for multiple sclerosis.
6. Diabetes insipidus.
7. Cerebral palsy.
8. Klinefelter's syndrome.
9. Infliximab.
10. Trinucleotide repeat disorders.

September 2010

[KX 106]

Sub. Code: 2004

M.D. DEGREE EXAMINATIONS

BRANCH I –GENERAL MEDICINE

**MEDICINE INCLUDING CHILDREN'S DISEASES & RECENT
ADVANCES**

**Paper IV - (For candidates admitted from 2004-2005 to 2007-2008) and
Part II - Paper III – (for candidates admitted from 2008-09 onwards)**

Q.P. Code : 202004

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 X 20 = 40)

1. Discuss the clinical features, pathophysiology, diagnosis and management of acute myeloid leukemia.
2. Discuss etiology, pathophysiology, clinical features, diagnosis and management of Constrictive pericarditis.

II. Write short notes on :

(10 X 6 = 60)

1. Role of trace elements in Nutrition and Health.
2. Extra pulmonary manifestations of Sarcoidosis.
3. Whooping cough.
4. Cerebral palsy.
5. Interventional management of coronary artery disease.
6. Protein calorie malnutrition.
7. Evaluation of Haematuria.
8. Islet cell transplantation.
9. Neuroblastoma.
10. Flourosis.

MAY 2011

[KY 106]

Sub. Code: 2004

M.D. DEGREE EXAMINATION
BRANCH I – GENERAL MEDICINE
MEDICINE INCLUDING CHILDREN’S DISEASES & RECENT ADVANCES
Q.P. Code : 202004

Time : 3 hours
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages	Time	Marks
	(Max.)	(Max.)	(Max.)
1. Enumerate the common Childhood Poisons and discuss the Clinical features, Complications and Management of Copper Sulphate Poison.	11	35	15
2. Discuss the various palliative medical care services in terminally ill patients.	11	35	15

II. Write notes on :

1. Pediatric advanced life support.	4	10	7
2. Reye’s syndrome.	4	10	7
3. Complications of Tuberculous Meningitis.	4	10	7
4. Restless leg syndrome.	4	10	7
5. Obesity.	4	10	7
6. Renal tubular acidosis.	4	10	7
7. POEMS syndrome.	4	10	7
8. Newer therapy for Heart Failure.	4	10	7
9. Febrile fits.	4	10	7
10. Cutaneous Drug reaction.	4	10	7

October 2011

[KZ 106]

Sub. Code: 2004

M.D. DEGREE EXAMINATION
BRANCH I –GENERAL MEDICINE
MEDICINE INCLUDING CHILDREN’S DISEASES
AND RECENT ADVANCES

Q.P. Code : 202004

Time : 3 hours
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

Pages Time Marks
(Max.) (Max.) (Max.)

- | | | | |
|---|----|----|----|
| 1. Discuss the etiopathogenesis, clinical features, investigations and management of Akinetic rigid syndrome. | 11 | 35 | 15 |
| 2. Discuss the epidemiology, clinical features of hepatatis. Discuss the complications and current current concepts in management of hepatitis. | 11 | 35 | 15 |

II. Write notes on :

- | | | | |
|--|---|----|---|
| 1. Modified criteria of infective endocarditis. | 4 | 10 | 7 |
| 2. Preventive strategies of ventilator associated pneumonia. | 4 | 10 | 7 |
| 3. Haematological consequences of nephritic syndrome. | 4 | 10 | 7 |
| 4. Achlorhydria. | 4 | 10 | 7 |
| 5. Donor nephrectomy. | 4 | 10 | 7 |
| 6. Delayed puberty. | 4 | 10 | 7 |
| 7. Metabolic disorders - neonatal screening. | 4 | 10 | 7 |
| 8. Infantile tremor syndrome. | 4 | 10 | 7 |
| 9. Myotonic disorders. | 4 | 10 | 7 |
| 10. Lepra reactions. | 4 | 10 | 7 |

APRIL 2012

[LA 106]

Sub. Code: 2004

**M.D. DEGREE EXAMINATION
BRANCH I –GENERAL MEDICINE
MEDICINE INCLUDING CHILDREN'S DISEASES & RECENT ADVANCES
Q.P. Code : 202004**

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Discuss in detail the etiopathogenesis clinical features, investigation and management of Toxoplasmosis.	16	35	15
2. Discuss the etiopathogenesis clinical features, investigation and management of Iron deficiency anemia.	16	35	15

II. Write notes on :

1. Circulation of CSF. Add a note on Normal pressure Hydrocephalus.	4	10	7
2. Enumerate the causes of Atrial Fibrillation, with a note on Paroxysmal Atrial Fibrillation.	4	10	7
3. Pathological changes in osteoarthritis. Note on young onset OA.	4	10	7
4. Classify Polycythemia with causes of High Hemoglobin.	4	10	7
5. Classify Portal Hypertension. Enumerate the causes of Extra hepatic portal Hypertension.	4	10	7
6. Classify chronic Gastritis. Note on treatment of H.pylori Infection.	4	10	7
7. Causes and management of recurrent spontaneous Pneumothorax.	4	10	7
8. Enumerate the problems with Hemodialysis. Note on Intermittent Hemodialysis	4	10	7
9. Causes and diagnosis of SIADH.	4	10	7
10. Side effects of ART drugs, note on HAART.	4	10	7

[LB 106]

OCTOBER 2012

Sub. Code: 2004

M.D. DEGREE EXAMINATION
BRANCH I –GENERAL MEDICINE

MEDICINE INCLUDING CHILDREN'S DISEASES & RECENT ADVANCES

Q.P. Code : 202004

Time : 3 hours
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

Pages Time Marks
(Max.) (Max.) (Max.)

- | | | | |
|--|----|----|----|
| 1. Discuss the Pathophysiology, clinical features, investigations and management of Guillian Barrie syndrome(GBS). | 16 | 35 | 15 |
| 2. Discuss the etiopathogenesis, clinical features, investigation and management of NHL | 16 | 35 | 15 |

II. Write notes on

- | | | | |
|---|---|----|---|
| 1. Adverse factors in Acute Pancreatitis. Discuss Auto immune Pancreatitis. | 4 | 10 | 7 |
| 2. Radiological presentation and clinical classification of Bronchogenic carcinoma. | 4 | 10 | 7 |
| 3. ECG and Potassium-significance. | 4 | 10 | 7 |
| 4. Enumerate the causes of secondary hyperlipidemia. | 4 | 10 | 7 |
| 5. Indications and contra indications of Renal Biopsy. | 4 | 10 | 7 |
| 6. Enumerate the therapeutic procedures of Recurrent Arrhythmia. Add a note on Catheter Ablation. | 4 | 10 | 7 |
| 7. Discuss the features and management of "Thyroid Storm". | 4 | 10 | 7 |
| 8. Causes of Delayed Puberty with relevant investigation. | 4 | 10 | 7 |
| 9. Classify opportunistic mycobacteria and the disease in humans. | 4 | 10 | 7 |
| 10. Spiral CT. | 4 | 10 | 7 |

(LC 106)

APRIL 2013

Sub. Code: 2004

M.D. DEGREE EXAMINATION

BRANCH I –GENERAL MEDICINE

**MEDICINE INCLUDING CHILDREN'S DISEASES & RECENT
ADVANCES**

Q.P. Code: 202004

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. Enumerate the various Vasculitis syndromes and discuss the clinical features and management of Polyarteritis Nodosa.
2. Discuss in detail the evaluation and Management of a 25 yrs old male patient brought unconscious to the Emergency Room.

II. Write notes on:

(10X7=70)

1. Clinical features and treatment of Attention Deficit Hyperactivity disorder
2. Etiopathogenesis and management of Type – I Diabetes mellitus
3. Causes and clinical features of Dyslexia
4. Causes and diagnosis of Brain Death
5. Types and usefulness of Tissue Engineering
6. Name the Biomarkers of Internal malignancies and mention their importance
7. List the various Adolescent Health problems and describe the management
8. Merits and De-merits of Newer oral anti – Diabetic drugs
9. Concepts and components of Hospice care
10. Complications and management of Febrile fits

[LD 106]

OCTOBER 2013

Sub. Code: 2004

M.D. DEGREE EXAMINATION

BRANCH I – GENERAL MEDICINE

MEDICINE INCLUDING CHILDREN'S DISEASES & RECENT ADVANCES

Q.P. Code: 202004

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2 x 15 = 30)

1. Enumerate the causes of Seizures in Children - Discuss Aetiopathology and Clinical features of Complex Partial Seizures.
2. Enumerate clinical conditions requiring mechanical ventilation. Mention the types of Invasive and Non Invasive ventilator support. Discuss general considerations of management of ventilated patient.

II. Write notes on:

(10 x 7 = 70)

1. Diarrhoeal disease in children
2. Immunisation schedule
3. Hyaline membrane disease
4. Hirsutism
5. Management of chronic pain
6. Congenital hypothyroidism
7. Hyponatremia
8. Scorpion Sting
9. Euthanasia
10. Irritable bowel syndrome

[LE 106]

APRIL 2014

Sub. Code: 2004

M.D. DEGREE EXAMINATION
BRANCH I –GENERAL MEDICINE
MEDICINE INCLUDING CHILDREN’S DISEASES &
RECENT ADVANCES

Q.P. Code :202004

Time : Three Hours

Maximum : 100 marks

I. Elaborate on:

(2X15=30)

1. Discuss the aetiology, evaluation and management of Dwarfism.
2. Discuss the aetiology, clinical features and management of hyponatremia.

II. Write notes on:

(10X7=70)

1. Biologic DMARDS.
2. Diagnosis and management of CMV retinitis.
3. Waldenstrom’s macroglobulinemia.
4. Tuberous sclerosis.
5. Evaluation of UTI in children.
6. Obesity in children.
7. Immunization in children.
8. Bone densitometry.
9. Restless leg syndrome.
10. Diagnosis and management of Wilm’s tumour.
